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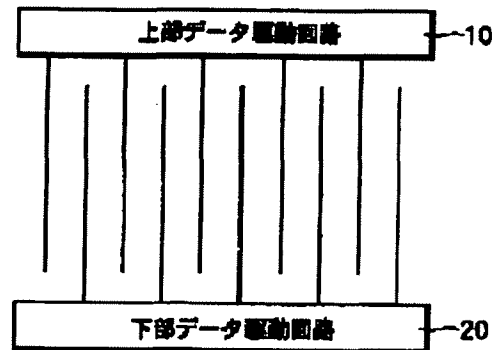
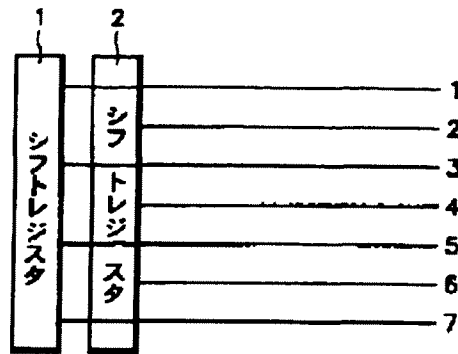
APPLICATION DATE : 17-04-96
APPLICATION NUMBER : 08095386

APPLICANT : SAMSUNG ELECTRON CO LTD;

INVENTOR : CHO GAKUGEN;

INT.CL. : G09G 3/36 G02F 1/133

TITLE : METHOD AND CIRCUIT FOR DRIVING
MATRIX DISPLAY DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent the occurrence of a flicker by using through mixing a simultaneous scanning system of two lines with a point inversion system.

SOLUTION: A gate device circuit drives simultaneously one of odd numbered gate lines and one of even numbered gate lines in a bundle through two registers 1, 2 individually driving the odd numbered gate lines and the even numbered gate lines. In the odd numbered field of a two line simultaneous drive system, two gate lines such as NO.1, 2 gate lines, NO.3, 4 gate lines are bundled into one unit, and a signal is imparted successively, and in the even numbered field, two gate lines such as NO.1 gate line, NO.2, 3 gate lines, NO.4, 5 gate lines are bundled into one unit, and the signal is imparted successively. Then, when a certain bundle of gate lines is opened, upper part and lower part data drive circuits 10, 20 send out the signals with polarities opposite to each other, and when a next gate line bundle is opened, the upper part and lower part data drive circuits 10, 20 send out signals with the polarities of respective signals inverted.

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